Amendments to the Claims

The listing of claims replaces without prejudice all prior versions, and listings of claims in the present application.

1.   [Previously amended] An electronic data transmission server comprising:

a data receiver for receiving a request for transmission of an incoming message including e-mail an attachment document to a network terminal over a communications network, the e-mail attachment document including content for presentation on the network terminal and presentation data defining the presentation of the content on the network terminal;

a data processing system in communication with the data receiver for converting the e-mail attachment document in accordance with the at least one data filtration parameter into a less memory-intensive data format to accommodate data resolution capabilities of the network terminal , the data processing system being configured to perform the conversion by extracting the content from the e-mail attachment without reducing the number of bytes occupied by the presentation data to provide converted data including the content and the reduced presentation data; and

a data transmitter in communication with the data processing system for transmitting an outgoing message containing the extracted content converted data to the network terminal over the communications network without the presentation data.

2.   [Previously amended] The electronic data transmission server according to claim 1, wherein further comprising the content of the e-mail attachment document comprises including at least one word having an associated phrase tag, and the data processing system is configured to perform

the conversion by replacing replace each said at least one word with the associated phrase tag for reducing the number of bytes occupied by the content included in the converted data in the outgoing message.

3.   [Previously amended] The electronic data transmission server according to claim 1, wherein further comprising the content of the e-mail attachment document comprises including at least one word having an associated abbreviation, and the data processing system is configured to perform the conversion by replacing replace each said word with the associated abbreviation for reducing the number of bytes occupied by the content included in the converted data in the outgoing message.

4.   [Previously amended] The electronic data transmission server according to claim 1, wherein the e-mail attachment presentation data includes at least one of text font data and text attribute data, and the data processing system is configured to perform the conversion by extracting the content without reducing the number of bytes occupied by the at least one of text font data and text attribute data.

5.   [Previously amended] The electronic data transmission server according to claim 1, wherein the presentation data e-mail attachment includes text formatting data, and the data processing system is configured to perform the conversion by replacing replace the text formatting data with predefined format tags to reduce a byte length of the content presentation data included in the converted data in the outgoing message.

6.   [Previously amended] The electronic data transmission server according to claim 1, wherein further comprising the e-mail attachment document including includes graphics data, and the data processing system is configured · to perform the conversion by modifying a resolution of the graphics data for reducing the number of bytes occupied by the graphics data included in the converted data in the outgoing message.

7.   [Cancelled]

8.   [Cancelled]

9.   [Cancelled]

10.   [Previously Amended] A method of electronic data transmission, comprising the steps of:

receiving a request for transmission of an incoming message including an e-mail attachment document over a communications network to a network terminal, the e-mail attachment document including content for presentation on the network terminal and presentation data defining the presentation of the content on the network terminal;

converting the e-mail attachment document in accordance with the at least one data filtration parameter into a less memory-intensive data format to accommodate data resolution capabilities of the network terminal, the converting step including reducing the number of bytes occupied by comprising extracting the content from the e-mail attachment without the presentation data to provide a converted data including the content and the reduced presentation data; and

transmitting an outgoing message containing the extracted content converted data to the network terminal over the communications network without the presentation data.

11.   [Previously Amended] The method according to claim 10 , wherein further comprising the step of converting the content of the e-mail attachment document comprises including at least one word having an associated phrase tag, and the converting step comprisinges replacing each said at least one word with the associated phrase tag for reducing the number of bytes occupied by the content included in the converted data in the outgoing message.

12.   [Previously amended] The method according to claim 10, wherein further comprising the step of converting the content of the e-mail attachment document comprises including at least one word having an associated abbreviation, and the converting step comprisinges replacing each said word with

the associated abbreviation for reducing the number of bytes occupied by the content included in the converted data in the outgoing message.

13.   [Previously amended] The method according to claim 10, wherein the e-mail attachment presentation data includes at least one of text font data and text attribute data, and the converting step comprisinges extracting the content without reducing the number of bytes occupied by the at least one font text data and text attribute data.

14.   [Previously amended] The method according to claim 10, wherein further comprising the step of converting the presentation data of the e-mail attachment document includes including text formatting data, and the converting step comprisinges replacing the formatting data with predefined format tags to reduce a byte length of the content presentation data included in the converted data in the outgoing message.

15.   [Previously amended] The method according to claim 10, wherein further comprising the step of converting the content of the e-mail attachment document includes including graphics data, and the converting step comprisinges modifying a resolution of the graphics data for reducing the number of bytes occupied by the graphics data included in the converted data in the outgoing message.

16.   [Cancelled]

17.   [Cancelled]

18.   [Cancelled]

19.   [Previously Amended] An electronic data transmission server for directing an e-mail attachment document to a network resource, the e-mail attachment document including content for presentation on the network terminal and presentation data defining the presentation of the content on the network terminal, the data transmission server comprising:

a data processing system configured for ~~extracting~~ converting the ~~content~~ ~~from the e-mail~~ attachment document in accordance with the at least one data filtration parameter to accommodate data resolution capabilities of the network terminal, by reducing the number of bytes occupied by the presentation data to provide a converted document including the content and the reduced presentation data;

a data receiver in communication with the data processing system for receiving from a network terminal a request for transmission of at least the ~~attachment~~ content of the attachment document to the network resource; and

a data transmitter in communication with the data processing system for transmitting to a network terminal over a communications network the converted document ~~extracted content without the presentation data~~, the data ~~processor~~ transmitter being further configured for initiating transmission of the ~~at least~~ ~~attachment content~~ converted document to the network resource in accordance with the network resource transmission request and an access level defined for the network resource.

20.   [Previously Amended] The data transmission server according to claim 19, ~~wherein~~ further comprising the content of the ~~e-mail~~ attachment document ~~comprises~~ including at least one word having an associated phrase tag, ~~and~~ the data processing system ~~is~~ configured to ~~perform the extraction by~~ ~~replacing~~ replace each said at least one word with the associated phrase tag for reducing the number of bytes occupied by the content included in the converted document.

21.   [Previously amended] The data transmission server according to claim 19, ~~wherein~~ further comprising the content of the ~~e-mail~~ attachment document ~~comprises~~ including at least one word having an associated abbreviation, ~~and~~ the data processing system ~~is~~ configured to ~~perform the~~ ~~extraction by replacing~~ replace each said at least one word with the associated

abbreviation for reducing the number of bytes occupied by the content included in the converted document.

22.   [Previously amended] The data transmission server according to claim 19, wherein the e-mail attachment presentation data comprises text formatting data, and the data processing system is configured to perform the extraction by replacing replace the formatting data with predefined format tags to reduce a byte length of the content presentation data included in the converted document, and

replace each said format tag with the associate formatting data.

23.   [Previously Amended] A method of directing an e-mail attachment document to a network resource, the e-mail attachment document including content for presentation on the network terminal and presentation data defining the presentation of the content on the network terminal, the method, comprising the steps of:

extracting converting the attachment document to accommodate data resolution capabilities of the network terminal content from the e-mail attachment without by reducing the number of bytes occupied by the presentation data to provide a converted document including the content and the reduced presentation data, and transmitting to a network terminal over a communications network the converted document extracted content without the presentation data;

receiving from the network terminal a request for transmission of at least the attachment content of the attachment document to the network resource; and

initiating transmission of the converted document at least content to the network resource in accordance with an access level defined for the network resource.

24.   [Previously Amended] The method according to claim 23, wherein further comprising the step of converting the content of the e-mail attachment document comprises including at least one word having an associated phrase

tag, and the converting step comprisinges replacing each said at least one word with the associated phrase tag for reducing the number of bytes occupied by the content included in the converted document.

25. [Previously Amended] The method according to claim 23, wherein further comprising the step of converting the content of the e-mail attachment document comprises including at least one word having an associated abbreviation, and the converting step comprises replacing each said word with the associated abbreviation for reducing the number of bytes occupied by the content included in the converted document.

26. [Previously Amended] The method according to claim 23, wherein the e-mail attachment presentation data includes text formatting data, and the extracting converting step comprises replacing the formatting data with predefined format tags to reduce a byte length of the content presentation data included in the converted document.

27. [Previously presented] The method according to claim 23, wherein the network resource has a network address, the network resource transmission request includes an indication of the network address, the network address indication comprising a pseudo-name associated with the network resource but distinct from the network address, and the network resource transmitting step comprises querying a resource registry with the pseudo-name for the access level.

28. [Presently Amended] The electronic data transmission server according to claim 1, wherein further comprising the e-mail attachment document includinges raster image data, and the data processing system is configured to perform the conversion by converting the image data to text for reducing the number of bytes occupied by the content and presentation data included in the converted data.

29. [Presently Amended] The method according to claim 10, wherein further comprising the step of converting the e-mail attachment document

includinges raster image data, and the converting step comprises converting the image data to text for reducing the number of bytes occupied by the content and presentation data included in the converted data.

30.   [Previously Presented] The electronic data transmission server according to claim 19, wherein the network resource has a network address, the network resource transmission request includes an indication of the network address, the network address indication comprising a pseudo-name associated with the network resource but distinct from the network address, and the data processing system is configured to determine the access level by querying a resource registry with the pseudo-name.

31.   [Presently Amended] The method according to claim 23, wherein the e-mail attachment presentation data includes at least one of text font data and text attribute data, and the extracting converting step comprises extracting the content without reducing the number of bytes occupied by the at least one font text data and text attribute data.

32.   [Presently Amended] The method of claim 23, wherein further comprising the step of converting the e-mail attachment document includinges raster image data, and the extracting converting step comprises converting the image data to text for reducing the number of bytes occupied by the content and presentation data included in the converted data.

33.   [Presently Amended] The method according to claim 23, wherein further comprising the step of converting the content of the e-mail attachment document includes including graphics data, and the extracting converting step comprisinges modifying a resolution of the graphics data for reducing the number of bytes occupied by the graphics data included in the converted data.